PATROL EYES
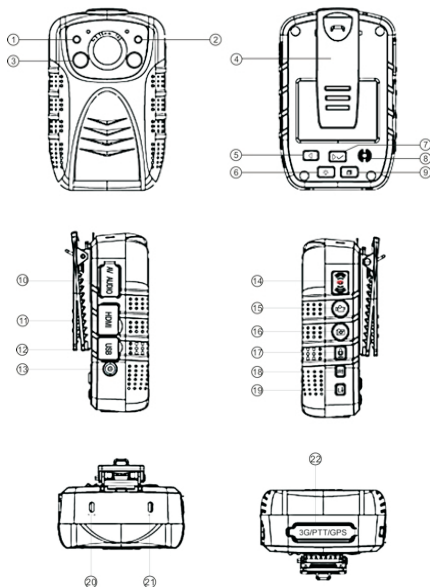
SC-DV1

Specifications

1. Laser Sight
2. LED Fill Light
3. IR LED Light
4. Metal Clip
5. Return/Instant Playback
6. Display off/Fill-in Light
7. Confirm/Playback
8. Reset
9. Menu
10. AV In/Audio
11. HDMI
12. Mini USB
13. Power on/off
14. PTT
15. Video recording
16. Photograph
17. Audio recording
18. IR/Up/Zoom in
19. Laser/Down/Zoom out
20. Power Indicator
21. Activity Indicator
22. 30-Pin port(GPS, PTT, 3G)

RECORDING	
Sensor	5MP CMOS
Video Resolution	1920x1080P @30FPS/ 1440x1080P @30FPS/ 1280x720 @30FPS/ 848x480PH @60FPS/ 848x480 @30FPS
Video Format	.MOV
Fast-Forward	2X, 4X, 8X
Rewind	2X, 4X, 8X
Audio Input	High Quality Built-in Microphone
Audio Format	AAC2./.WAV
Watermark	User ID, Time and Date Stamp Embedded into Video.
Camera	16 Megapixel Camera Support Burst Shot (3 or 5 photos)
Image Format	4608*3456 .JPEG
Snap Shot	Capture Photos During Video Recording
Recording Time	Continuous Rec. time: 450 minutes (Battery Fully Charged, IR Disabled, 848*480@30fps)
Storage Capacity	16G/32G
Recording LED	Red
One Button Recording	Support (Video Recording Button)
Activation Prompt	Audible, Visual, and Tactile Confirmation for Activation/Deactivation of Recording Function
IR LED	2PCS
Other Auxiliary Light	1x White Fill-Light, 1x Red Laser Pointer
FILE REVIEW	
LCD Screen	2 inch TFT-LCD High-Resolution Color Display
Instant Playback	Video, Image, Audio
Video Output	HDMI 1.3 Port
Video Transfer	USB 2.0
CAMERA	
Lens Angle	Wide Angle 140 degrees
Night Vision	Up to 10 Meters with Visible Face Detection
Waterproof	IP57 (Weather proof, Submersible up to 3ft)
Clip	High Quality Metal Clip, 360 degrees Rotatable
PTT	Available to Connect to Different Types of 2-ways Radios
BATTERY	
Type	Built-in 2800mAH Lithium-ion
Charging Time	180 minutes
OTHERS	
Password Protection	Requires Admin Password to Delete Files on PC
Pre-Recording	Up to 30 seconds (Depends on Video Resolution)
Last-Recording	10/20/30 seconds
Burst Mode	3/5
Dimensions	94 mm *61 mm *31mm (2.91" * 1.83" *0.93")
Weight	175g (6.17oz)
Working Temperature	-40 ~ +140 degrees Fahrenheit
Storage Temperature	-2 ~ +131 degrees Fahrenheit
ACCESSORIES	
Standard Accessories	USB cable, Charger, Metal Clip

Before Use

**PLEASE REMOVE
PROTECTIVE FILM
BEFORE USE!**

Wearing your body camera properly

On your chest (uniform)
 • Slide the cameras clip behind, without actually
clipping it, to the top of your uniform.
 • Rotate the cameras clip 45° and clip it to the top of
your uniform.

On your shoulder
 • Using the optional epaulette mount, clip the camera to
the bracket on the epaulette mount.

On your waist
 • Clip the camera to your belt. To aim the cameras lens
higher, simply wedge or shim a small piece of foam or
other material between the cameras clip and lcd and as
close to the base of the clips attachment.

Basic Operation:

1)Press and hold the "Power" button (*located on the bottom
of the right side of the device*) for about 3 seconds, the user
will hear a "click" sound and feel the unit vibrate. A green
indicator light on top of the unit will turn on and remain green
while the unit is powered on. The camera and LCD monitor
will turn on and enter into a standby mode. The video
preview mode is displayed on the LCD monitor.

2)The video preview mode displays: recording time, battery
indicator, device ID, storage capacity, and camera view.

3)Press and hold the "Power" button for about 3 seconds, the
camera will turn off. The user will hear a sound and feel the
unit vibrate before it powers off. The green indicator light will
also turn off.

How to View Files on Computer:

(Compatible with Windows XP, Vista, 7 & 8)

1)Connect the police camera to computer.

2)Open the related Removable Disk in "Computer".

3)View and manage all the recordings and photos.

Recording

1) Video Recording:

a. To record a video, press the "Record" button on the left side of the device *(second button with a video recorder symbol on it)* the unit will give two short vibrations. The video camera recorder symbol on the LCD monitor display will turn red and begin to blink, indicating the camera is currently recording.

b. Press the "Record" button again to stop recording. The unit will vibrate twice and the video camera recorder symbol will stop blinking and turn white. The unit will stop recording and save the video.

c. When the unit is powered off, if the user presses and holds the "Record" button for about 3 seconds, the device will turn on and automatically start video recording.

d. If recording during the night or in the dark, press the "IR" button *(second to the last button on the left hand side of the device)*. The IR lights will turn on and the device will enter into Night Mode. The video recorded in the dark will be in black and white.
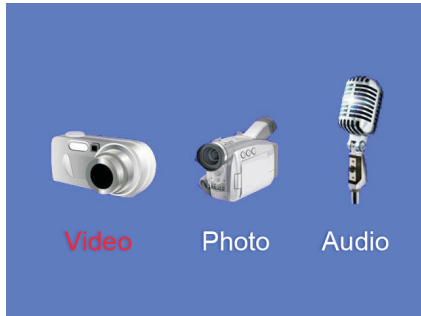
2) Photograph Feature:

a. To take photos, press the "Camera" button *(located under the Record button on the left side of the device with a symbol of camera on it)*. The unit will start taking pictures similar to a digital camera.

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b. To take photos while video recording, press the "Camera" button and the unit will capture a photo of the picture recorded at that time without interrupting the video recording.

c. To take photos at night or in the dark, press the "IR" button to go into Night Mode and turn on the IR lights. Photos taken in Night Mode will be black and white.
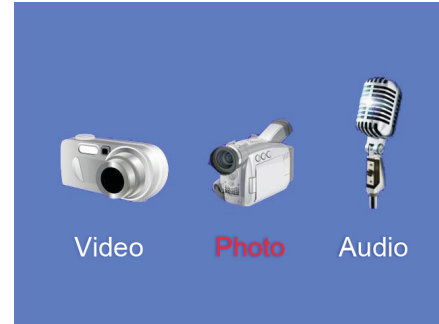
3) Sound Recording:

a. To record audio only, press the "Microphone" button *(located below the Camera button with a microphone symbol on it)*. The unit will vibrate twice briefly and a recording timer will appear on the LCD screen display.

b. To stop recording, press the "Microphone" button again. The unit will vibrate twice briefly and return to the video preview. The audio recording will end and will be saved as an audio file.

Video Playback

Users are able to view previously recorded video files using the following process:

a. Press the "Confirm/Playback" button to go to the Playback Menu.

b. Use the "IR/Up/Zoom In" or the Laser/Down/Zoom Out" button to select the Video Icon, and then press the "Confirm/Playback" button to display all saved recorded video files.

c. Select the video file to view by using the "Up/Down" buttons. After selecting the video file, press the "Confirm/Playback" button to see the recorded video in full screen.

d. To return to the Playback Menu, press the "Return/Instant Playback" button.

e. To return to the Video Preview screen display, continue to press the "Return/Instant Playback" button.

Photo Playback

There are two ways a user can play back recorded files on this device; the "Confirm/Playback" button and/or the "Return / Instant Playback" button (the buttons are located below the LCD monitor display, also see the picture diagram).
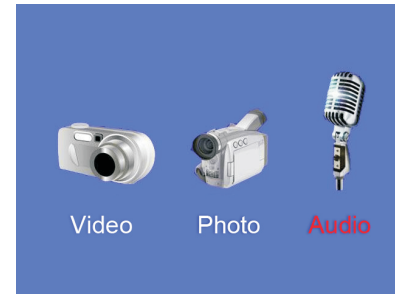

• The "**Return/Instant Playback**" button when selected will automatically play the last recorded file.

• The "**Confirm/Playback**" button when selected will take the user to the Playback Menu screen. The user can then select which recorded file to playback.

1) Photo Display:

a. Press the "Confirm/Playback" button on the device. The Playback Menu should appear on the LCD screen display.

b. Use the "IR/Up" or the Laser/Down" button to select the Camera/Photo Icon, and then press the "Confirm/Playback" button to display all saved photos.

Photo Playback

c. Select the photo to view by using the "Up/Down" buttons. After selecting the photo, press the "Confirm/Playback" button to see the picture in full screen.

d. Users can alternate between photos using the "Up/Down" buttons (in both slide mode and full screen mode).

e. To return from full screen mode to slide mode, press the "Return/Instant Playback" button.

f. To return to the Playback Menu, press the "Return/Instant Playback" button.

g. To return to the Video Preview screen display, continue to press the "Return/Instant Playback" button.

Audio Playback

Users are able to listen to recorded audio files by following these steps:

Video   Photo   Audio

a. Press the "Confirm/Playback" button to go to the Playback Menu.

b. Use the "IR/Up/Zoom In" or the Laser/Down/Zoom Out" button to select the Microphone/Audio Icon, and then press the "Confirm/Playback" button to display all saved recorded audio files.

c. Select the audio file by using the "Up/Down" buttons. After selecting the audio file, press the "Confirm/Playback" button to listen to the recorded audio file.

d. To return to the Playback Menu, press the "Return/Instant Playback" button.

e. To return to the Video Preview screen display, continue to press the "Return/Instant Playback" button.

Setup - Resolution

To go to the **SET UP** interface, press the "Menu" button *(located below the LCD monitor display).*

1) Resolution

a. In the SET UP Menu select "**Resolution**" and press the "Confirm/Playback" button.

Setup	
Resolution	1920X1080
Video quality	super fine
Video duration	15 min
Photo size	5 M
Capture	off
Volume	high

b. There are five video resolutions to select from:
    1. 1920*1080P/30fps
    2. 1440*1080P/30fps
    3. 1280*720/30fps
    4. 848*480PH/60fps
    5. 848*480P/30fps

c. Select the video resolution you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

Setup - Video Quality

2) Video Quality

a. In the SET UP Menu select "**Video Quality**" and press the "Confirm/Playback" button.

Setup	
Resolution	1920X1080
Video quality	super fine
Video duration	15 min
Photo size	5 M
Capture	off
Volume	high

b. There are three options to select from:

    a.   Normal
    b.   Fine
    c.   Super Fine

c. Select the video quality you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

Setup - Video Duration

3) Video Duration

a. In the SET UP Menu select "**Video Duration**" and press the Confirm/Playback" button.

Setup	
Resolution	1920X1080
Video quality	super fine
Video duration	15 min
Photo size	5 M
Capture	off
Volume	high ☒

b. There are four time intervals to select from:

   a. 5 minutes
   b. 10 minutes
   c. 15 minutes
   d. 30 minutes

c. Select the time interval you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

Setup - Photo Size

4) Photo Size

a. In the SET UP Menu select "**Photo Size**" and press the Confirm/Playback" button.

Setup	
Resolution	1920X1080
Video quality	super fine
Video duration	15 min
Photo size	5 M
Capture	off
Volume	high ☒

b. There are four photo resolutions to select from:

   a. 5 Megapixels
   b. 8 Megapixels
   c. 12 Megapixels
   d. 16 Megapixels

c. Select the photo resolution you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

Setup - Capture

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5) Capture

Capture means continuous photo shooting in a sequence.

Setup
Resolution	1920X1080
Video quality	super fine
Video duration	15 min
Photo size	5 M
Capture	off
Volume	high

a. In the SET UP Menu select "**Capture**" and press the Confirm/Playback" button.

b. There are three options to select from:

    a. Off-no continuous photo shooting
    b. 3 Photos captured each time
    c. 5 Photos captured each time

c. Select the capture mode you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

Setup - Volume

6) Volume

a. In the SET UP Menu select "**Volume**" and press the "Confirm/Playback" button.

Setup
Resolution	1920X1080
Video quality	super fine
Video duration	15 min
Photo size	5 M
Capture	off
Volume	high

b. Select the Volume setting you prefer and press the "Confirm/Playback" button.

c. Press the "Instant/Playback" button to return to the previous menu.

Setup - Pre Recording

7) Pre-Recording

a. In the SET UP Menu select "**Pre-Recording**" and press the "Confirm/Playback" button.

Setup	
Pre_recording	off «
Last_recording	off
Screen brightness	high
Auto off	10 min
GPS	off
Firmware version	20141223

b. There are two options to select from:

    1. On- camera will pre-record 5~30 seconds prior to pressing the "Record" button. (Depends on the video resolution and quality)
    2. Off- no pre-recording.

c. Select the Pre-Recording option you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

Setup - Last (Post) Recording

8) Last (Post) Recording

a. In the SET UP Menu select "**Last-Recording**" and press the "Confirm/Playback" button.

Setup	
Pre_recording	off «
Last_recording	off
Screen brightness	high
Auto off	10 min
GPS	off
Firmware version	20141223

b. There are four options to select from:

    1. On- camera will record 10/20/30 seconds after the end of recording.
    2. Off- no post-recording.

c. Select the Last-Recording option you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

Setup - Screen Brightness

Setup - Auto off

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9) Screen Brightness

a. In the SET UP Menu select "**Screen Brightness**" and press the "Confirm/Playback" button.

Setup	
Pre_recording	off
Last_recording	off
Screen brightness	high
Auto off	10 min
GPS	off
Firmware version	20141223

b. There are three options to select from:

High/Medium/Low

c. Select the Screen Brightness option you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

10) Auto off

a. In the SET UP Menu select "Auto off" and press the "Confirm/Playback" button.

Setup	
Pre_recording	off
Last_recording	off
Screen brightness	high
Auto off	10 min
GPS	off
Firmware version	20141223

b. There are four options to select from:

1. On- camera will turn off after 3/5/10 minutes without any operation.
2. Off- no auto off.

c. Select the "Auto off" option you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.

11) GPS

a. In the SET UP Menu select "**GPS**" and press the "Confirm/Playback" button.

Setup

Pre_recording	off	≫
Last_recording	off	
Screen brightness	high	
Auto off	10 min	
GPS	**off**	
Firmware version	20141223	

b. There are two options to select from: (*External GPS Module Required*)

  1. On- enables GPS function.
  2. Off- disables GPS function.

c. Select the "GPS" option you prefer and press the "Confirm/Playback" button.

d. Press the "Instant/Playback" button to return to the previous menu.
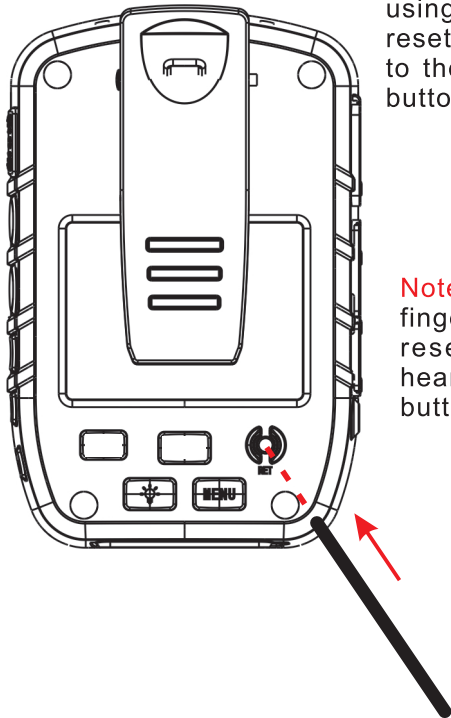
12) Firmware Version

a. In the SET UP Menu select "**Firmware Version**".

Setup

Pre_recording	off	≫
Last_recording	off	
Screen brightness	high	
Auto off	10 min	
GPS	off	
Firmware version	**20141223**	

b. The current Firmware Version will display on the screen.

c. Press the "Instant/Playback" button to return to the previous menu.

How to Reset?

Optional Accessories

If you are having problems with your device, please try and reset the camera using the reset button. The reset button is the button to the right of the confirm button.

Note: Use a paper clip or finger nail to press the reset button. You will hear a "click" after the button is pressed.

- PTT (push to talk) Cable

- GPS Adapter

- Suction Cup Mount

- Docking Station

- Covert Button Camera

- Helmet Camera

- Epaulette Clip

- Motorbike Mount

- Power Bank

For pricing and availability view patroleyes.com